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Copy 1 of 7

12 May 1971

MEMORANDUM FOR: See Distribution

SUBJECT : Resume and Critique of Mission C091C

1. The Critique for Mission C091C, flown on 12 April 1971, was held in the OSA Control Center at 1000 hours EST, 30 April 1971. Representatives from OSA, OEL and Det H were present. Following personnel critiqued on applicable portions of the mission:

- Mission preparation and execution.
- Forecast and actual weather.
- Materiel and Avionics.

- Communications equipment and

target coverage
and fighter activity.

- Analysis of signals recorded on

2. Mission C091C (Canned Route 1151) was alerted on 10 April 71. Take off was at [redacted] Landing time at [redacted] for a mission duration of 4.7 hours. This mission was designed to collect photo and ELINT info along the Southeast China Coast, from just north of Hong Kong to Foo-chow. Pilot was [redacted] Aircraft was 051 utilizing the H configuration.

Preplanned Mission Data:

Distance	1586 NM
Time to Landing	4.3 Hours
Mission Profile	Maximum Altitude
Take-off Fuel	1188 Gallons
Fuel Reserve at Hi Cone	250 Gallons

GROUP 1
Excluded from automatic
downgrading and
declassification

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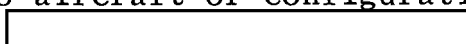
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3. Weather: The weather along the route was forecast to be Category II. The pilot reported the target area to be 85% cloud free.

4. Maintenance: There were no aircraft or configuration discrepancies. One brief period of  activity was noted.

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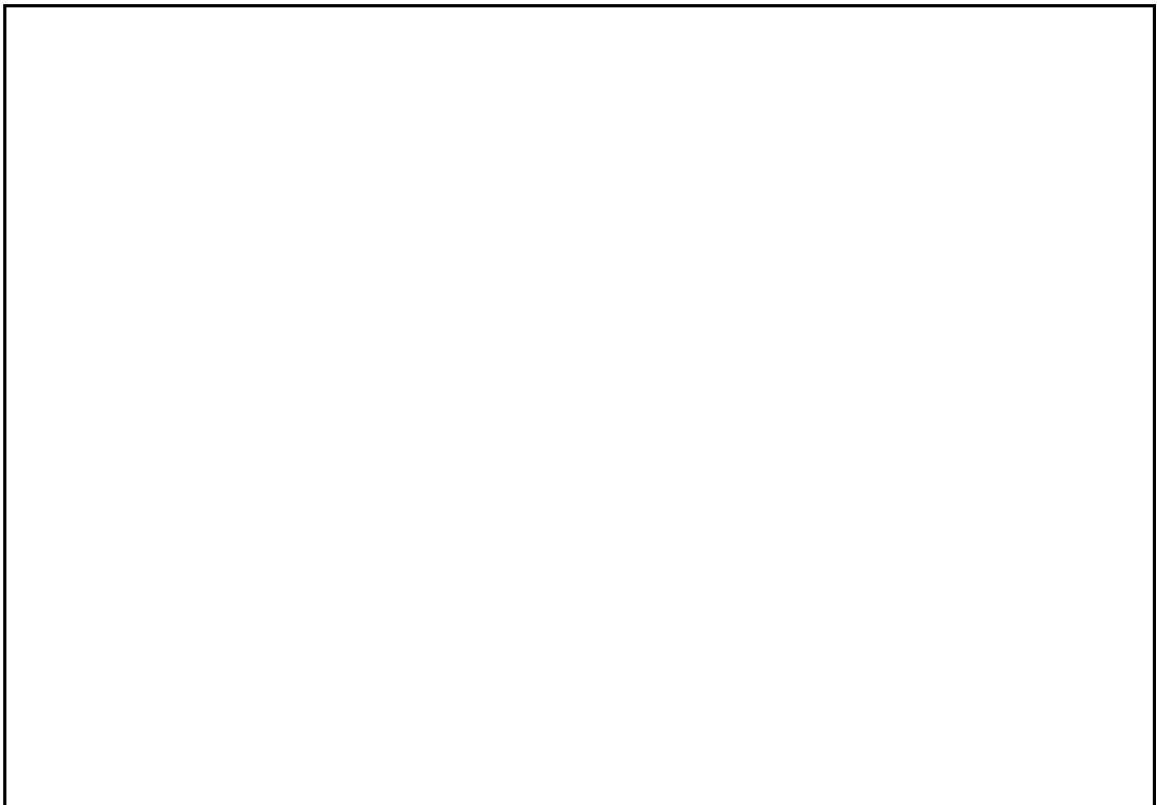
5. Communications: All communications and  equipment operated satisfactorily.

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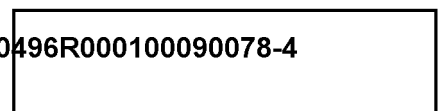
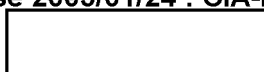
6. Intelligence:

a. Target Coverage: Photo interpretability ranged from poor to fair. Overall interpretability is poor with 15% cloud cover. Target coverage consisted of 40 programmed COMIREX targets, 6 bonus COMIREX targets, and 13 bonus non-COMIREX targets for a total of 59 China targets.

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/ Lt. Col., USAF
Ch, IDEALIST Div.

Attachments - 2
Route Overlay
Target Coverage

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IDEA/O/OSA: [REDACTED] (12 May 71)

Distribution:

- 1 - IDEA/O/OSA (w/atts)
- 2 - D/SA (w/atts)
- 3 - D/O/OSA (w/o atts)
- 4 - D/M/OSA (w/o atts)
- 5 - SSD/R&D (w/o atts)
- 6 - INTEL/O/OSA (w/o atts)
- 7 - RB/OSA (w/o atts)

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T O P S E C R E T

TARGET COVERAGE FOR:

IDEALIST/TACKLE MISSION - C091C, 12 April 1971

PHOTO INTERPRETABILITY:

Ranges From POOR To FAIR. Overall Interpretability
Is POOR With 15% Cloud Cover.

CHINA TARGETS COVERED:

40 of 45 Programmed Targets

6 Bonus COMIREX Targets

13 Bonus Non-COMIREX Targets

59 TOTAL

BREAKDOWN OF TARGETS BY CATEGORY:

1 Missile Facility

8 Aircraft Facilities

7 Naval Facilities

2 Electronics Facilities

36 Military Installations

5 Urban/Industrial

59 TOTAL

T O P S E C R E T

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TARGET COVERAGE FOR
IDEALIST/TACKLE MISSION - C091C, 12 April 1971

ITEM NO.	COMIREX NUMBER	INSTALLATION NAME	INTERPRET-ABILITY	WEATHER/REMARKS
1.		Ching Yang AF	Fair-C-O	Clear
2.		Hui An AF	Poor-C-O	Haze
3.		Chang Chou AF	Fair-C-O	Haze
4.		Lung Tien AF	Fair-C-O	Clear
5.		Fu Chou/I Hsu AF	Fair-C-O	Clear
6.		Shan Tou NE AF	Fair-C-O	Clear
7.		Shan Tou Nav Base	Poor-C-O	Clear ID
8.		Shan Tou Boatyard	Poor-C-O	Clear ID
9.		Ma Wei Nav Baase & Shipyard		Cloud Covered
10.		Kuan Tou Nav Fac		Not Covered
11.		Hai Yang Tao Nav Fac N	Poor-C-O	Clear ID
12.		Lung Tien Army Bks SE AL-1	Poor-C-O	Clear ID
13.		Chin Feng AW Rdr Fac	Fair-C-O	Scattered Clouds
14.		Hui An AF AW Rdr Fac	Poor-C-O	Clear ID
15.		Chao An Army Bks AL-1	Poor-C-O	Haze ID
16.		Chao An Army Bks E AL-2	Poor-C-O	Haze ID
17.		Chang Chi Army Bks S AL-1	Poor-C-O	Clear ID
18.		Pu Tou Fou Army Bks AL-1	Poor-C-O	Clear ID
19.		Chang Lo Army Bks AL-7	Poor-C-O	Haze ID
20.		Fu Chou Army Bks SW AL-2	Poor-C-O	Clear ID
21.		Fu Chou Army Bks W AL-2	Poor-C-O	Clear ID
22.		Fu Chou Army Bks N AL-3	Poor-P-O	Scattered Clouds ID
23.		Fu Chou Bks & Mil Reg Hq AL-9	Poor-C-O	Clear ID
24.		Fu Chou Army Bks W AL-11	Poor-C-O	Haze ID
25.		Han Chiang Army Bks N AL-1		Not Covered
26.		Chiang Kou Army Bks NNE AL-1	Poor-C-O	Scattered Clouds ID
27.		Han Chiang Army Bks NW AL-2	Poor-C-O	Scattered Clouds ID
28.		Hui An Army Bks AL-3	Poor-C-O	Clear ID
29.		Hui An Army Bks AL-2	Poor-C-O	Clear ID
30.		Shan Tou Army Bks Lien Tang AL-1	Poor-C-O	Clear ID
31.		Tan Yang Army Bks SE AL-1	Poor-P-O	Scattered Clouds ID
32.		Tung Chi Army Bks AL-1	Poor-P-O	Scattered Clouds ID
33.		Tan Yang Army Bks SW AL-2	Poor-P-O	Scattered Clouds ID
34.		Lien Chiang Army Bks NW AL-1	Poor-C-O	Scattered Clouds ID
35.		Lien Chiang Army Bks NW AL-2	Poor-C-O	Clear ID
36.		Lien Chiang AAA Div Hq AL-5	Poor-P-O	Scattered Clouds
37.		Shui Tou Army Bks AL	Fair-C-O	Clear
38.		Chin Chiang Army Bks AL-1	Fair-C-O	Clear

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TARGET COVERAGE FOR
IDEALIST/TACKLE MISSION - C091C, 12 April 1971

ITEM NO.	COMIREX NUMBER	INSTALLATION NAME	INTERPRET-ABILITY	WEATHER/REMARKS
39.		Nan An Army Bks AL-1		Cloud Covered
40.		Chiu Tien Hq 83 Inf Div AL-1	Poor-C-O	Clear ID
41.		Tseng Tso Army Bks AL-1	Poor-C-O	Clear ID
42.		Chang Chou Army Bks N AL-4	Fair-C-O	Clear
43.		Hsiang Kou Army Bks AL-1	Poor-C-O	Clear ID
44.		Sung HsuMil Area		Not Covered
45.		Chang Chou Inf Div Hq A1	Fair-C-O	Clear
		(BONUS COMIREX TARGETS)		
1.		Chin Ching Army Bks AL-1	Good-C-O	Clear
2.		Tseng Tso Army Bks NE AL-2	Poor-C-O	Clear ID
3.		Pu Men Cheng Nav Fac North	Poor-C-O	Haze ID
4.		Pu Men Cheng Nav Fac South	Poor-C-O	Haze ID
5.		Pu Men Cheng Nav Base	Poor-C-O	Haze ID
6.		Hsien Ye Army Bks SE AL-1	Poor-C-O	Clear ID
		(BONUS NON-COMIREX TARGETS)		
1.		Shan Tou Airfield	Poor-C-O	Clear
2.		Shan Tou Hwy Br Ov Hsin Ching Chiang	Fair-C-O	Clear
3.		Lien Yang Hsu Hwy Br A Dam Ov Han R	Fair-C-O	Clear
4.		Swatow SAM Defense Area	Fair-C-O	Clear ID
5.		Shan Tou	Poor-C-O	Clear ID
6.		Fu Chou Air District Hq	Poor-P-O	Scattered Clouds ID
7.		Shan Tou Port Facs Swatow	Poor-C-O	Clear ID
8.		Fou Ting Petroleum Storage	Poor-C-O	Clear ID
9.		Shan Tou 1	Poor-C-O	Clear ID
10.		Shan Tou Govt Control Center	Poor-C-O	Clear ID
11.		Shan Tou Ammo Dpo LL 1	Poor-C-O	Clear ID
12.		Shan Tou Inf Div Hq & Army Bks AL-1	Poor-C-O	Clear ID
13.		Chieh Shih Petrol Products Storage	Poor-C-O	Clear ID

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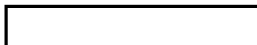
1. Justification
2. Target Data
3. Operational Data
4. Map Depicting Planned Route
MIG-21 Order-of-Battle
SAM Order-of-Battle
5. Weather Map
6. Mission Approval Signatures
7. Coordination Messages

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
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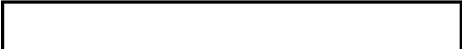
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U-2  MISSION C091C

JUSTIFICATION

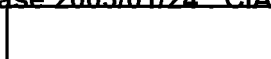
This mission is in response to the USIB requirement for photographic coverage of high priority targets along the Southeast China coast. The 40 Committee has approved four photographic/SIGINT missions for this month. This

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U-2R aircraft  will remain 20 NM off the Communist China mainland.

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TARGET DATA

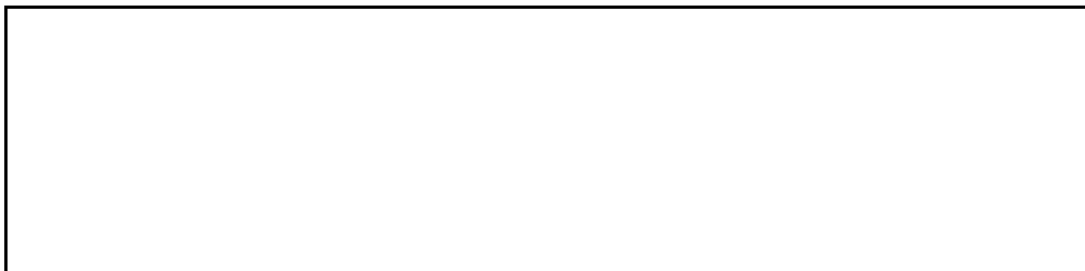
This mission has been designed to cover 45 COMIREX priority targets.

COLLECTION SYSTEMS

The mission aircraft is configured to carry the following reconnaissance collection systems:

1. H-Camera for high resolution photographic coverage.

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TARGETSTARGETCOMIREX NO. & NAME

25X1	1.	Hui An Airfield
	2.	Lung Tien Airfield
	3.	Fu Chou/I Hsu Airfield
	4.	Shan Tou Northeast Airfield
	5.	Shan Tou Naval Base
	6.	Shan Tou Boatyard
	7.	Ma Wei Naval Base and Shipyard
	8.	Kuan Tou Naval Facility
	9.	Chuan Chou Naval Base and Port Facility
	10.	Chin Feng AW Radar Facility
	11.	Hui An Airfield AW Radar Facility
	12.	Chao An Army Bks., East
	13.	Chang Chi Army Bks., South
	14.	Pu Tou Fou Army Bks.
	15.	Chang Lo Army Bks.
	16.	Fu Chou Army Bks., Southwest
	17.	Fu Chou Army Bks., West
	18.	Fu Chou Army Bks., North
	19.	Fu Chou Bks., & Military Reg. Hq.
	20.	Fu Chou Army Bks., West
	21.	Han Chiang Army Bks., North
	22.	Chiang Kou Army Bks., North-Northeast
	23.	Han Chiang Army Bks., Northwest
	24.	Hui An Army Bks.
	25.	Hui An Army Bks.
	26.	Shan Tou Army Bks., Lien Tang
	27.	Tan Yang Army Bks., Southeast
	28.	Tung Chi Army Bks.
	29.	Tan Yang Army Bks., Southwest
	30.	Lien Chiang Army Bks., Northwest
	31.	Lien Chiang Army Bks., Northwest
	32.	Lien Chiang AAA Division Hq.
	33.	Shui Tou Army Bks.
	34.	Chin Chiang Army Bks.
	35.	Nan An Army Bks.
	36.	Chiu Tien Hq. 83 Inf. Div.
	37.	Tseng Tso Army Bks.
	38.	Chan Chou Army Bks., North
	39.	Hsiang Kou Army Bks.
	40.	Sung Hsu Military Area
	41.	Chang Chou Inf. Div. Hq.
	42.	Lung Tien Army Bks., Southeast
	43.	Chao An Army Bks.
	44.	Chang Chou Airfield
	45.	Ching Yang Airfield

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OPERATIONAL DATA

DISTANCE : 1586 NM
TIME : 4 + 20
T/O FUEL : 1188 GALS
HI CONE : 250 GALS
PROFILE : MAX ALT
TAKE OFF TIME : 0100Z 12 April 1971
2100 11 April 1971 Washington, D. C.

VULNERABILITY ESTIMATE

The mission aircraft will not come within range of any known surface-to-air missile sites or any MIG-21 based airfields.

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This IDEALIST mission as planned herein is approved.

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~~77~~ DIRECTOR OF SPECIAL ACTIVITIES

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~~1~~ DEPUTY DIRECTOR FOR SCIENCE AND TECHNOLOGY

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DEPUTY DIRECTOR OF CENTRAL INTELLIGENCE


DIRECTOR OF CENTRAL INTELLIGENCE

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COORDINATION MESSAGES

1. Request for NPIC to search track for SAM sites. (1)
 2. NPIC's report of the search of latest photographs available along the mission route for SAM sites. (2)
 3.
 4.
 5. Mission details coordinated with JRC/JCS. (5)
 6. Intelligence summary of AOB, ROB, and SAM OB in the area of the mission. (6)
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